

CLAIMS

1. A motor-bearing holding structure comprising:
a molded rotor;
a metallic member that is integrally molded with this rotor; and
a bearing that is rotatably held to the rotor through this metallic member.

2. A motor-bearing holding structure comprising:
a motor shaft that reciprocates in an axial direction by the rotation of an in-mold molded rotor;
a metallic member that is integrally molded with the rotor such that this motor shaft abuts against this member to limit the displacement of the motor shaft; and
a bearing that is rotatably held to the rotor through this metallic member.

3. A motor-bearing holding structure according to Claim 1, wherein a washer that is fitted to the metallic member protruding from the rotor is secured to the metallic member under conditions where the washer is pressed against the bearing.

4. A motor-bearing holding structure according to Claim 1, wherein the molded part of the metallic member is provided with a convex and concave portion.